

Applicants: Kiran K. Chada et al.
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In the Claims

Please replace the currently pending set of claims with the set of claims set forth below without prejudice under the provisions of 37 C.F.R. § 1.121:

1. (Original) A method of reducing the amount of adipose tissue in a subject comprising administering to the subject an amount of an sFRP-5 peptide effective to reduce the amount of adipose tissue, or an amount of a molecule effective to stimulate expression of the sFRP-5 peptide in the subject.
2. (Original) The method of claim 1, wherein the molecule effective to stimulate expression of the sFRP-5 peptide in the subject is a polypeptide having 90% identity to SEQ ID NO. 1.
3. (Original) The method of claim 2, wherein the polypeptide has 91% identity to SEQ ID NO. 1.
4. (Original) The method of claim 3, wherein the polypeptide has 92% identity to SEQ ID NO. 1.
5. (Original) The method of claim 4, wherein the polypeptide has 95% identity to SEQ ID NO. 1.
6. (Original) The method of claim 5, wherein the polypeptide has 99% identity to SEQ ID NO. 1.
7. (Original) The method of claim 1, wherein the method comprises administration of an sFRP-5 peptide.

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8. (Original) The method of claim 1, wherein the subject is human.

9. (Original) The method of claim 1, wherein the administration is parenteral, intradermal, transdermal, transmucosal, rectal, subcutaneous, or by inhalation.

10-16. (Cancelled)

17. (Original) A method of reducing the level of adipose tissue formation in a subject comprising administering to the subject an amount of an sFRP-5 peptide effective to reduce the level of adipose tissue formation, or an amount of a molecule effective to stimulate expression of the sFRP-5 peptide in the subject.